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**TB CARE I**

# **TB CARE I -Mozambique**

**Year 3  
Quarterly Report  
January-March 2013**

**April 30, 2013**

## Quarterly Overview

<b>Reporting Country</b>	<b>Mozambique</b>
<b>Lead Partner</b>	<b>FHI360</b>
<b>Collaborating Partners</b>	<b>MSH, WHO, KNCV</b>
<b>Date Report Sent</b>	
<b>From</b>	Dário Sacur
<b>To</b>	USAID Mission, Alfredo McArthur
<b>Reporting Period</b>	<b>January-March 2013</b>

<b>Technical Areas</b>	<b>% Completion</b>
1. Universal and Early Access	28%
2. Laboratories	19%
3. Infection Control	67%
4. PMDT	0%
5. TB/HIV	13%
6. Health Systems Strengthening	33%
7. M&E, OR and Surveillance	23%
8. Drug supply and management	6%
<b>Overall work plan completion</b>	<b>24%</b>

### Most Significant Achievements

#### 1. Universal Access

Support was provided to the NTP in the commemoration of the World TB day celebrations. The project produced 1.000 T/shirts and caps which were distributed to all TB CARE I provinces. As part of the central celebrations, the inauguration of the Nampula TB Reference laboratory by the Vice-Minister of health was done. The laboratory which was rehabilitated and equipped by TB CARE I, will serve the northern region of Mozambique as well as part of Zambezia province covering about 45% of the national population.

The Community Based DOTS (CB DOTS) program implemented through partnerships with 8 different organizations is now covering 50 districts out of a total of 102 districts in the 7 TB CARE I target provinces. During the second quarter, trained community health workers (CHWs) referred a total of 7,570 TB suspects and 19,229 malaria suspects. An additional 1,233 contacts of TB patients were also referred to health facilities. About 16% (1,282/7,570) of the referred TB suspects were diagnosed with TB (all forms) of which 68.3% (876/1,282) were SS+ cases, 337 (26.2%) were SS-, and 69 (5.5%) were classified as having extra-pulmonary TB. Out of the 1282 confirmed TB cases, 281 were HIV+ representing a co-infection rate of 21.9%. Of the referred malaria suspects, 11,759 (61.2%) were diagnosed as having active malaria.

TB CARE I Mozambique hosted the Patient Centered Approach (PCA) end line workshop held March 4-8th. The workshop was led by KNCV, and four of the five piloting countries (Mozambique, Indonesia, Nigeria and Zambia) participated. Information from baseline surveys and implementation highlights was shared by all implementing countries and a roadmap for end line surveys as well as final PCA report has been elaborated. TB CARE I Mozambique PCA core team has completed data collection for the endline survey and the data are currently being analyzed.

The project also supported two training workshops on the use of the TB IC checklist developed under TB CARE I by FHI360. One workshop was held in Maputo and a second workshop was held in Nampula province. Both workshops were led by Stella Kirkendale - FHI360 Senior Technical Officer (Integrated Health Sciences) and co-facilitated by NTP and TB CARE I staff. The Maputo training was designed mainly for TB managers from implementing agencies and NTP, while the Nampula training was tailored to district level supervisors and NTP staff working in health facilities. A total of 45 participants attended both training events.

#### 2. Laboratories

A total of 26 laboratory technicians and 1 nurse from 11 health facilities were trained in AFB smear microscopy, external quality assessment, biosafety and stock/supply management. The 27 participants had received prior training in slide fixation.

Nine technicians from laboratories which had been equipped with LED microscopes in the southern region of Mozambique (Gaza, Maputo Provincia and Inhambane provinces) were trained in AFB microscopy using LED microscopy. The training was organized and delivered by the TB CARE I laboratory officer, with support from the NTP. The GeneXpert implementation guideline has been developed in-country and is being used until the GeneXpert strategic plan is developed. Suspect selection for GeneXpert testing is being performed according to the draft MOH Algorithm still in process of approval. Since installation, 426 tests have been performed at the 3 sites (Chokwe, Cuamba and Quelimane) and a total of 145 tests were confirmed positive TB cases with 38 of these resistant to rifampicin; and 1 undetermined result out of the total tests performed.

## 6. Health Systems Strengthening

Two joint supervision visits were conducted in Manica and Nampula, two provinces supported by TB CARE I. One of the visits was conducted by an integrated team comprising central and provincial level NTP staff, as well as USAID, WHO and FHI360 staff. The main purpose of the visit was to assess how NTP was functioning at the peripheral level of the health care system. The main findings were i) insufficient infection control measures, and ii) human resource management issues.

As part of the TB CARE I core projects, Dr. Bert Schreuder (KNCV Consultant) visited Mozambique to develop a plan of action to make the financing of the TB services in Mozambique more sustainable. The consultant visited three provinces (Gaza, Nampula and Cabo Delgado) to assess the various funding mechanisms used by NTP and other health programs. He also met with provincial directorates of health, implementing partners, and major funders (CDC, USAID, GF). A draft proposal was completed and shared with MOH and partners. The proposal is currently under review.

## 7. M&E, OR and Surveillance

An M & E working group was established jointly by WHO, CDC and FHI360 bringing together M & E Officers from all partners. The objective of the working group is to strengthen the functioning of the NTP M&E Department by supporting efforts designed to ensure data quality and use for planning and strategic intervention planning.

### Overall work plan implementation status

Cumulatively, project implementation is at 24%. Implementation of planned APA3 activities began in mid January 2013, when USAID approval of the workplan was granted. Plans are in place to accelerate implementation of the APA3 work plan in Q3 and Q4.










### Technical and administrative challenges








MSH activity implementation suffered with the departure of the Drug management specialist; as a result, TB CARE I activities supported by MSH were not implemented during the second quarter. This affects the overall project implementation status. Plans are underway to recruit a new drug management specialist by the start of Q3.









### In-country Global Fund status and update

First and second line TB drugs purchased under the GF transitional funding mechanisms have been delivered. Quantification is underway.

## Quarterly Activity Plan Report




1. Universal and Early Access			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
1.1 Increased demand for and use of high quality TB services and improve the satisfaction with TB services provided (Population/Patient Centered Approach)	1.1.1	Expand CB DOTS coverage to 5 new districts	FHI360	1.362.250	 100%	Dec	2012	Concluded in Q1
	1.1.2	25 TB CARE I districts implementing PCA tools	FHI360	12.730	 50%	Jul	2013	PCA endline workshop held in Maputo where 4 of the 5 PCA piloting countries (Mozambique, Nigeria, Indonesia and Zambia) participated. The workshop was led by KNCV and a roadmap for the conduction of the endline survey and final report has been set. TB CARE I Mozambique has finished endline data collection and analysis will be done shortly. Expansion of the strategy has been started with training of CB DOTS implementing agencies having started in Gaza and Sofala provinces.
	1.1.3	World TB day commemorated	FHI360	11.301	 100%	Mar	2013	Support provided to NTP in the commemoration of the World TB day celebrations. The project produced 1,000 T/shirts and caps which were distributed to all TB CARE I provinces. The central ceremonies which took place in Nampula Province were marked by the official inauguration of the Nampula TB Reference laboratory by the Vice-Minister of Health. This reference laboratory will serve the northern region of Mozambique as well as part of Zambezia province, thus covering about 50% of the national population. High level delegates from Mozambique MOH, USAID, CDC, and TB CARE I, and representatives from other partner organizations (including civil society organizations) participated in the central ceremonies.
	1.1.4	ACSM IEC materials produced and distributed to all 11 provinces	FHI360	5.196	 0%	Aug	2013	Implementation of this activity is delayed. The ACSM consultant will be visiting the country in April 2013 to finalize the strategy and materials.
	1.1.5	ACSM national strategy finalized	FHI360	87.629	 0%	Aug	2013	KNCV Consultant for ACSM (Dr. Netty Kamp) in-country to finalize activity.
	1.1.6	APA2 carry over activity: IEC materials developed for malaras	FHI360	103.920	 0%	Jun	2013	MOH's approval of adapted materials is pending.
	1.1.7	APA2 carry over activity: CB-DOTS expansion	FHI360	293.957	 100%	Dec	2012	Concluded in Q1
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
1.2 Increased quality of TB services delivered among all care	1.2.1	80% of health facilities with trained clinicians in TB diagnosis and treatment including TB in Children	FHI360	9.132	 0%	Jun	2013	Planned for Q3
	1.2.2	DOTS services expanded to 3 regional prisons, 1 refugee camp and 1 migrant worker company	FHI360	3.092	 0%	Jun	2013	Contacts have been initiated with the Provincial Directorates of Health for Gaza and Nampula Provinces.

providers (Supply)	<b>1.2.3</b>	Nurses trained in TB screening in PMTCT settings	FHI360	2.052	 0%	Sep	2013	Contacts have been initiated with the FHI360 CHASS Niassa proje
	<b>1.2.4</b>	22 clinicians trained in pediatric TB	FHI360	32.374	 0%	Jun	2013	To be implemented in Q3
	<b>1.2.5</b>	APA2 carry over activity: Increased demand for and use of high quality TB services	FHI360	159.079	 0%	Jun	2013	Total budget to be revised for this activity and remaining funds to be reallocated to new/revised activity in the next MOT.
	<b>1.2.6</b>	APA2 carry over activity: MDR TB pre-service training curricula finalized	FHI360	28.838	 0%	Jun	2013	Consultant identified to lead the curricula development and adaptation.
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
1.3 Reduced patient and service delivery delays	<b>1.3.1</b>	Implement a health facility based ICF strategy	MSH	44.229	 0%	Sep	2013	MSH activity to be reviewed during next MSH consultant STTA visit (Dr. Samuel Kinyanjui) from May 19 to 30, 2013
	<b>1.3.2</b>	APA2 carry over activity: Strengthened TB diagnosis among children	FHI360	38.970	 75%	May	2013	Waiver approved and purchase in progress
					 <b>28%</b>			


2. Laboratories			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
2.1 Ensured capacity, availability and quality of laboratory testing to support the diagnosis and monitoring of TB patients	<b>2.1.1</b>	Translate and print the guideline for Laboratory reagents and supplies distribution	FHI360	15.588	 0%	Jun	2013	To happen in Q3
	<b>2.1.2</b>	Training of laboratory technicians from the national reference laboratory (TOT training)	MSH	31.991	 0%	Jun	2013	Planning in process to conduct the training in Q3
	<b>2.1.3</b>	Training of laboratory technicians from the national reference laboratory. Step down training	FHI360	75.433	 0%	Sep	2013	To be conducted in Q4 after the ToT training
	<b>2.1.4</b>	TB CARE I supported laboratories performing quality assured AFB smear microscopy.	FHI360	13.055	 25%	Sep	2013	As part of the Quality Improvement program of TB laboratory diagnosis in Zambezia province, laboratory technicians from 11 health centres were trained in AFB smear microscopy, external quality assessments, biosafety and stock/supply management. Technical assistance in conducting the training was provided by the MSH Consultant, Dr. Grace Kahenya. A total of 27 (7 females and 20 males) were trained. During the training, a quality improvement plan containing all activities related to AFB smear microscopy quality improvement was developed by each laboratory.
	<b>2.1.5</b>	Annual QA meetings conducted in 3 TB CARE I target provinces and 1 National annual TB lab meeting held at central level	FHI360	69.984	 0%	Sep	2013	Planned for Q4
	<b>2.1.6</b>	Training of MOH central and provincial staff to ensure no stock out of TB laboratory reagents.	FHI360	28.344	 0%	Sep	2013	Planned for Q4
	<b>2.1.7</b>	APA2 carry over activity: Training of lab technicians (malaria)	FHI360	6.495	 100%	Dec	2012	Concluded in Q1
	<b>2.1.8</b>	APA2 carry over activity: Malaria laboratory supervision visits conducted	FHI360	24.000	 25%	Sep	2013	The Malaria Laboratory Officer has been hired. A supervision plan has been developed, and supervision is scheduled to begin at the end of April 2013.



	2.1.9	APA2 carry over activity: Training of lab technicians	MSH	12.592	0%	Sep	2013	MSH activity to be reviewed during next MSH consultant STTA visit (Dr. Samuel Kinyanjui) from May 19 to 30, 2013
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
2.2 Ensured the availability and quality of technical assistance and services	2.2.1	Technicians trained in microscopy servicing from all provinces.	FHI360	30.197	0%	Sep	2013	Activity planned for Q4
	2.2.2	Culture and DST Lab equipment from the 2 (Maputo RL and Beira RL ) reference labs functioning	FHI360	38.970	0%	Sep	2013	Process initiated with terms of reference elaborated and a request of tender to be publicised.
	2.2.3	Laboratory supervisions visits conducted in 7 TB CARE I provinces + 2 visits to GeneXpert sites	FHI360	49.219	0%	Sep	2013	Supervision activities to start in June 2013. Two teams to be created as to cover all provinces by September including site visits.
	2.2.4	APA2 carry over activity: TA for reference labs	MSH	33.990	0%	Sep	2013	The Drug Management specialist has been recruited and STTA visits by MSH consultants are scheduled as from May 19, 2013.
	2.2.5	MOH staff trained in GeneXpert Algorithm and suspect selection for testing.	FHI360	12.198	100%	Dec	2012	Concluded in Q1
	2.2.6	Lab technicians trained in LED microscopy	FHI360	37.805	50%	Mar	2013	9 technicians (2 females and 7 males) from the southern region of Mozambique have been trained. The training of technicians from the northern and the central regions has been scheduled for April 2013 and May 2013 respectively.
<b>Outcome</b>	<b>Activity #</b>	<b>Activity</b>	<b>Activity Leader</b>	<b>Approved Budget</b>	<b>Cumulative Completion</b>	<b>Month</b>	<b>Year</b>	<b>Cumulative Progress and Deliverables up-to-date</b>
2.3 Ensured optimal use of new approaches for laboratory confirmation of TB and incorporation of these approaches	2.3.1	TB CARE I GeneXpert machines functioning	FHI360	26.500	50%	Sep	2013	A supplier of cartridges for the GeneXpert machines has been identified (sole source), and the procurement process is ongoing.
	2.3.2	Establish a specimen referral system and feedback of results in selected sites for piloting purposes.	FHI360	11.691	0%	Sep	2013	to be completed in Q4
	2.3.3	APA2 carry over activity: Guidelines for QA for TB	FHI360	12.990	0%	Sep	2013	The guidelines are still under review at the NRL section of the National Institute of Health. After finalization and approval, the project will proceed with the printing.
					19%			









3. Infection Control			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
Outcome	Activity #	Activity				Month	Year	
3.2 Scaled-up implementation	3.2.1	Printing and distribution of 1.000 IC checklist	FHI360	12.990	0%	Jul	2013	Internal requests completed to trigger the procurement process

on of TB-IC strategies	<b>3.2.2</b>	Conduct TB Infection control at the community level	FHI360	34.792	 100%	Sep	2013	The project also supported two training workshops on the use of the TB IC checklist developed under TB CARE I by FHI360. One workshop was held in Maputo and a second workshop was held in Nampula province. Both workshops were led by Stella Kirkendale - FHI360 Senior Technical Officer (Integrated Health Sciences) and co-facilitated by NTP and TB CARE I staff. The Maputo training was designed mainly for TB managers from implementing agencies and NTP and 20 people (2 females and 18 males) participated. The Nampula training was tailored towards district level supervisors and NTP staff working in health facilities and 25 people (7 females and 25 males) participated.
	<b>3.2.3</b>	APA2 carry over activity: Scaled-up implementation of TB-IC strategies	FHI360	18.829	 100%	Mar	2013	Completed in Q1
					 <b>67%</b>			











4. PMDT			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
4.1 Improved treatment success of MDR TB	4.1.1	20 MDR TB and clinicians from 11 provinces	FHI360	60.407	<div><div></div></div> 0%	Sep	2013	
	4.1.2	3 regional teams created to conduct MDR TB supervision in TB CARE I provinces	FHI360	36.068	<div><div></div></div> 0%	Sep	2013	Continous activity. Activity to start in May with the TA visit by Dr. Vincent Kuyonhoven
	4.1.3	Improved conditions at Machava Hospital	FHI360	58.455	Cancelled	Sep	2013	Activity cancelled through QMR1 MOT submitted
	4.1.4	MOH staff participate in one international workshop on DR TB.	FHI360	12.392	<div><div></div></div> 0%	Sep	2013	
	4.1.5	Print and distribute MDR TB registration forms to all 11 provinces	FHI360	5.196	<div><div></div></div> 0%	Jun	2013	Process initiated and request received from NTP to print the MDR TB registers including other TB forms
	4.1.6	APA2 carry over activity: Pre-service training in MDR	FHI360	7.669	Cancelled	Sep	2013	Activity cancelled through QMR1 MOT submitted
	4.1.7	APA2 carry over activity: Improved conditions for MDR TB patients at Machava TB hospital	FHI360	47.475	Cancelled	Sep	2013	Activity cancelled through QMR1 MOT submitted
					<div><div></div></div> 0%			

5. TB/HIV									
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion			
						Month	Year		
5.1 Strengthened prevention of TB/HIV co-infection	<b>5.1.1</b>	Quarterly TB/HIV TASKFORCE meetings conducted	FHI360	17.084	 25%	Sep	2013	The project supported one quarterly taskforce meeting in Zambezia province. NTP indicators were discussed and analyzed; the functioning of the GeneXpert was also evaluated at the meeting.	

	5.1.2	Clinical staff trained in TB/HIV	FHI360	88.683	 0%	Sep	2013	Activities planned to be conducted by September 2013. Contacts with respective DPS for 5 provinces where training will take place will start in April with 1st training in one province to take place in May 2013.
					 13%			

6. Health Systems Strengthening			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
6.2 TB control components (drug supply and management, laboratories, community care, HRD and M&E) form an integral part of national plans, strategies and service delivery	6.2.1	Conduct TB CARE I/NTP integrated visits	FHI360	58.889	 25%	Sep	2013	Two joint supervision visits were conducted in Manica and Nampula, two provinces supported by TB CARE I. One of the visits was conducted by an integrated team comprising central and provincial level NTP staff, as well as USAID, WHO and FHI360 staff. The main purpose of the visit was to assess how NTP was functioning at the peripheral level of the health care system. The main findings were i) insufficient infection control measures, and ii) human resource management issues
	6.2.2	Train provincial Supervisors and their deputies in M & E	WHO	15.797	 0%	Sep	2013	
	6.2.3	Continue to support to NTP in contracting new and maintaining already hired staff (budgeted under S & O)	WHO		 50%	Sep	2013	Support is being provided through the services of one NPO officer who has been contracted to provide technical support to the NTP
	6.2.4	Conduct TB CARE I site visits conducted	FHI360	39.827	 0%	Sep	2013	TB CARE I supervision plan has been developed and first visit to Niassa planned for May.
	6.2.5	Proposal to make funding of the NTP more sustainable	KNCV	48.620	 75%	Sep	2013	As part of the TB CARE I core projects, Dr. Bert Schreuder (KNCV Consultant) visited Mozambique to develop a plan of action to make the financing of the TB services in Mozambique more sustainable. The consultant visited three provinces (Gaza, Nampula and Cabo Delgado) to assess the various funding mechanisms used by NTP and other health programs. He also met with provincial directorates of health, implementing partners, and major funders (CDC, USAID, GF). A draft proposal was completed and shared with MOH and partners. The proposal is currently under review.
	6.2.6	Strengthen involvement of implementing partners in TB control	FHI360	12.418	 0%	Jul	2013	Planned for third week of June. Additional funds have been sought through the QMR1 MOT submitted.
	6.2.7	Participation in international events	FHI360	28.329	 50%	Sep	2013	Planning has been completed and payment provided for the participation of 2 MOH staff in the Sondalo training in April 2013.
	6.2.8	APA2 carry over activity: Participation in international events	FHI360	13.224	 100%	Nov	2012	concluded in Q1



	6.2.9	APA2 carry over activity: upgrade the NTP M & E department data reporting system	FHI360	79.042	 25%	Mar	2013	Quantification of needed equipment and site assessments have been completed, and bids for the supply of the M & E equipment (servers, cisco routers etc.) have been received.
	6.2.10	Finalize and obtain approval for APA2 carry over activity: NTP Strategic Plan (2013-17)	FHI360	18.498	 75%	Mar	2013	Two meetings were held in October and November to finalize the NTP Strategic Plan (NTPSP). The November meeting was attended by the TB in Mines Coordinator, and a chapter on TB in mines was added to the NTPSP. Technical working groups were created as part of the finalization process.
	6.2.11	APA2 carry over activity: provide technical support at provincial level	WHO	2.192	 50%	Sep	2013	The WHO NPO conducted a supervision visit to Nampula jointly with NTP, USAID and FHI360.
	6.2.12	APA2 carry over activity: Office Expenses at provincial level	WHO	11.001	 0%	Jun	2013	Procurement process to be initiated and purchase completed by end of June 2013
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
6.3 MALARIA - Ensured availability and quality of technical assistance and services at both health facility and community level	6.3.1	Implement QA system in all districts.	FHI360	132.186	 0%	Sep	2013	
	6.3.2	Strengthen NMCP human resource capacity (budgeted under S & O)	FHI360		 50%	Sep	2013	A Lab Officer and a Malaria Coordinator have been contracted. M&E and BCC Officer positions need to be readvertised.
	6.3.3	Train provincial and district level M & E focal persons in M & E	FHI360	80.980	 0%	Sep	2013	
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
6.4 MALARIA - Ensured capacity, availability and quality of laboratory testing to support malaria diagnosis including RDT	6.4.1	Procure laboratory reagents and consumables	FHI360	49.947	 50%	Sep	2013	The bidding process for the supply of reagents and consumables is completed and a supplier has been identified. Procurement is underway.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
6.5 MALARIA - Increased demand for malaria services at both health facility and community level	6.5.1	Conduct BCC regional workshops	FHI360	73.157	 25%	Sep	2013	The Malaria Communication Strategic plan has been finalized and will be disseminated in the BCC workshops. The dissemination has been developed by the NMCP/DEPROS and will start in Maputo in June 2013
	6.5.2	Participate in the activities to commemorate World Malaria Day and SADC Malaria Day	FHI360	23.200	 75%	Apr	2013	SADC commemorations were completed in Q1. Preparations for the Malaria Day (to be held in April) have begun, with the procurement of supplies for the materials to be produced and reproduced.

	6.5.5	Produce and air BCC IEC materials	FHI360	171.468	0%	Sep	2013	The recruitment of a BCC Officer is in its final stage; interviews have been conducted, and a candidate has been selected. The BCC officer will lead the development of BCC materials.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
6.6 MALARIA - Increased capacity in M & E system at all levels	6.6.1	Conduct malaria laboratory supervision visits	FHI360	85.329	25%	Sep	2013	Supervision plan has been completed. A supervision database has been created based on the supervision manual. Central level supervisors have been trained and activity to take place from May 12, 2013.
	6.6.2	Conduct malaria clinical supervision visits	FHI360	87.077	25%	Sep	2013	Supervision plan has been completed. A supervision data base has been created based on the supervision manual. Central level supervisors have been trained and activity to take place from May 12, 2013. The supervision will be integrated.
	6.6.3	Provide operational assistance to the NMCP	FHI360	8.573	50%	Sep	2013	Costs are paid monthly and have been paid until March 2013.
	6.6.4	Participation of NMCP M&E focal person in international events	FHI360	13.562	0%	Sep	2013	The M&E Officer has been recently contracted. Opportunities will be looked at for further capacity building.
					33%			

7. M&E, OR and Surveillance			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
7.2 Improved capacity of NTPs to analyze and use quality data for the management of the TB program	7.2.1	CB DOTS Implementing agencies reporting valid and quality data to the TB CARE I project	FHI360	17.017	0%	Sep	2013	to be completed in Q4
	7.2.2	Capacity of NTP M & E staffs strengthened to analyze and use quality data for the TB program	WHO	10.396	50%	Sep	2013	An M&E working group was created comprised of M&E Officers from the NTP, WHO, FHI360 and CDC. The objective of the group is to support the NTP M&E department in strengthening data quality and use in planning purposes. Current priorities being worked on include the integration of NTP M&E activities in the existing global MOH framework and selection of proposed NTP indicators.
	7.2.3	Print and support M & E tools to support NTP data collection and use.	WHO	4.661	0%	Sep	2013	To take place in Q3
	7.2.4	Revise and finalize NTP M&E tools	KNCV	26.224	0%	Sep	2013	TA visit planned for August 2013
	7.2.5	APA2 carry over activity: Consultant to support NMCP M & E department (FHI/CDC/WHO/KNCV)	FHI360	20.000	25%	Mar	2013	Reference terms for the consultant who will support the NMCP M&E department have been finalized and potential candidates identified.
	7.2.6	APA carry over activity: Office Expenses at National level	WHO	3.667	50%	Sep	2013	One computer purchased.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
7.3 Improved capacity of NTPs to perform operations research	7.3.1	National research agenda finalized	WHO	7.774	0%	Sep	2013	
	7.3.2	Technical visit to prepare for the conduct of a national TB prevalence study	KNCV	42.848	0%	Sep	2013	Preliminary discussions between NTP, KNCV and TB CARE I have commenced on the process to be followed in preparing for a national TB prevalence study. The discussions were led by Dr. Jeroen Van Gorkom.

	<b>7.3.3</b>	APA2 carry over activity: CE study CB-DOTS	FHI360	19.485	50%	Sep	2013	The rapid expansion of the microscopy study has been completed. A draft report was submitted for review, and the report will be finalized in Q3
	<b>7.3.4</b>	APA2 carry over activity: New technologies studies	FHI360	6.495	0%	Sep	2013	
	<b>7.3.5</b>	APA2 carry over activity: Knowledge-Attitudes and Practice Study	FHI360	131.475	75%	Jun	2013	The study has started in all sites. Data collectors have been trained; interview guides, informed consent forms, and methodology guides have been finalized and reproduced.
					23%			

8. Drug supply and management			Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity				Month	Year	
8.1 Ensured nationwide systems for a sustainable supply of drugs	<b>8.1.1</b>	Adequate TA to make funds available to procure TB medicines, lab reagents and other NTP commodities to ensure availability of stock.	MSH	13.417	0%	Sep	2013	
	<b>8.1.2</b>	Strengthened LMIS through support supervision to ensure data from the district level collected at national level	MSH	5.903	0%	Sep	2013	
	<b>8.1.3</b>	Ensured data availability by NTP in commodity management	MSH	4.878	0%	Sep	2013	
	<b>8.1.4</b>	Strengthen LMIS through support supervision to ensure data from the district level are collected at national level	MSH	1.759	0%	Sep	2013	
	<b>8.1.5</b>	Drug warehousing and distribution capacity improved	MSH	7.295	0%	Sep	2013	
	<b>8.1.6</b>	National and provincial level pharmacy managers trained in commodity management (ToT training)	MSH	6.503	0%	Sep	2013	
	<b>8.1.7</b>	District level NTP supervisory and pharmacy staffs trained in commodity management (Step down-Cascade training)	MSH	4.150	0%	Sep	2013	
	<b>8.1.8</b>	Support for MSH/TB CARE I and MOH/NTP participation in international events	MSH	7.551	0%	Sep	2013	
	<b>8.1.9</b>	Disseminate and distribute ADR R&R tools to supported health facilities	MSH	2.830	0%	Sep	2013	
	<b>8.1.10</b>	APA2 carryover activity: Provision of TA to improve drug management (forecasting, procurement, warehousing, distribution and LMIS)	MSH	34.302	75%	Mar	2013	Partly completed in Q1. No follow-up in Q2 done
	<b>8.1.11</b>	APA2 carryover activity: Establish a system for quality control of drugs (TB)	MSH	11.464	0%	Sep	2013	
	<b>8.1.12</b>	APA2 carryover activity: Strengthen the pharmacovigilance system and rational use of drugs (TB)	MSH	35.118	0%	Sep	2013	
					6%			

Total Approved Staffing & Operations Budget	2.388.560
Grand Total Approved Project Budget	7.342.920

## Quarterly MDR-TB Report

Country	Mozambique
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Period	January-March 2013
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### MDR TB cases diagnosed and put on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment	Comments:
Total 2010	87	86	
Total 2011	184	146	
Jan-Mar 2012		58	
Apr-Jun 2012		34	
Jul-Sep 2012	58	58	
Oct-Dec 2012		65	
Total 2012	58	215	
Jan-Mar 2013		57	

## 6. TB CARE I-supported International Visits (technical and management-related trips)

#	Partner	Activity Code	Name	Purpose	Planned month, year	Status	Dates completed	Additional Remarks (Optional)
1	FHI		Carol Hamilton & Piya Smith	Participation in international events	Sept - Oct 2013	Planned		
2	KNCV	1.1.4	Netty Kamp & Nico Kalisvaart	ACSM support visit to finalize strategy and M&E visit	November 2013	Planned		
3	KNCV		Vicent Kuyvenhoven	Support in conducting the MDR TB training	February 2013	Planned		Visit moved to May 2013
4	KNCV	6.2.5	Bert Schreuder & Evelien Klinkenberg	Support visit to NTP for sustainable funding & preparation for prevalence survey	March 2013	Completed	March 2013	
5	KNCV		Vicent Kuyvenhoven	Support in conducting the MDR TB training	February 2013	Planned		Visit moved to May 2013
6	WHO	6.2.7	Gael Claquing	Participation in the UNION conference and trip to geneva for program support	Sept - Oct, 2013	Planned		
7	MSH	1.3.1	Samuel Kinyanjui	To support the implementation of health facility-based ICF strategy	2013 TBD	Planned		Planned for May 2013
8	MSH	1.3.1	Irnei Myemba	To support the implementation of health facility-based ICF strategy	2013 TBD	Planned		
9	MSH	2.1.5	Grace Kahenya & Maria Alice telles	To support training of lab technicians from NRL	January 2013	Completed	February 2013	
10	MSH	8.1.1	Samuel Kinyanjui	TA to ensure adequate availability of TB medicines, lab reagents and stocks	May 2013	Planned		
11	MSH	8.1.5	Samuel Kinyanjui	To support drug warehousing and strengthen distribution capacity	April 2013	Planned		
12	MSH	8.1.8	TBD - Samuel Kinyanjui	To participate in World Lung Health Union Conference	November 2013	Planned		
Total number of visits conducted (cumulative for fiscal year)						2		
Total number of visits planned in workplan						12		
Percent of planned international consultant visits conducted						17%		

Quarterly Photos (as well as tables, charts and other relevant materials)



The Vice-Minister having a press conference after the inauguration: Present were delegation from USAID, MOH and Partners.



Community Outreach programs - Mobile lab unit in one remote community in Niassa Province



Mozambique World TB day celebration - central level march - Nampula

## Inventory List of Equipment - TB CARE I



**USAID**  
FROM THE AMERICAN PEOPLE

**TB CARE I**

<b>Organization:</b>	<b>TB CARE I</b>
<b>Country:</b>	<b>Mozambique</b>
<b>Reporting period:</b>	<b>January-March 2013</b>
<b>Year:</b>	<b>APA 3</b>

Description (1)	ID numbers (2)	Acquisition date (3)	Acquisition cost (4)	V.A.T (5)	Location (6)	Conditio n (7)	Disposition date (8)	Title held by (9)	Insurance Policy #
Motorbikes	5780024	1-7-2013	\$5.450,00	\$926,00	Gaza	new	February 2013	MOH	
Motorbikes	5769994	1-7-2013	\$5.450,00	\$926,00	Gaza	new	February 2013	FHI360/AMODEFA	
Motorbikes	5789977	1-7-2013	\$5.450,00	\$926,00	Gaza	new	February 2013	FHI360/World Relief	
Motorbikes	5769888	1-7-2013	\$5.450,00	\$926,00	Gaza	new	February 2013	FHI360/World Relief	
Motorbikes	5644089	1-7-2013	\$5.450,00	\$926,00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644161	1-7-2013	\$5.450,00	\$926,00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644122	1-7-2013	\$5.450,00	\$926,00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644139	1-7-2013	\$5.450,00	\$926,00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644150	1-7-2013	\$5.450,00	\$926,00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644137	1-7-2013	\$5.450,00	\$926,00	Zambezia	new	February 2013	MOH	
Motorbikes	5644083	1-7-2013	\$5.450,00	\$926,00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5644169	1-7-2013	\$5.450,00	\$926,00	Zambezia	new	February 2013	FHI360/AMODEFA	
Motorbikes	5769962	1-7-2013	\$5.450,00	\$926,00	Niassa	new	February 2013	FHI360/ADC	
Motorbikes	5769575	1-7-2013	\$5.450,00	\$926,00	Niassa	new	February 2013	FHI360/AMIREMO	
Motorbikes	5769620	1-7-2013	\$5.450,00	\$926,00	Nampula	new	February 2013	FHI360/Kulima	
Motorbikes	5769636	1-7-2013	\$5.450,00	\$926,00	Nampula	new	February 2013	FHI360/Kulima	
Motorbikes	5769573	1-7-2013	\$5.450,00	\$926,00	Nampula	new	February 2013	FHI360/Kulima	
Motorbikes	5769580	1-7-2013	\$5.450,00	\$926,00	Nampula	new	February 2013	FHI360/Kulima	
Motorbikes	5643723	1-7-2013	\$5.450,00	\$926,00	Nampula	new	February 2013	FHI360/Kulima	
Motorbikes	5769618	1-7-2013	\$5.450,00	\$926,00	Manica	new	February 2013	FHI360/ADPP	

Motorbikes	5769970	1-7-2013	\$5.450,00	\$926,00	Manica	new	February 2013	FHI360/ADPP	
Motorbikes	5769910	1-7-2013	\$5.450,00	\$926,00	Manica	new	February 2013	FHI360/ADPP	
Motorbikes	5769607	1-7-2013	\$5.450,00	\$926,00	Manica	new	February 2013	MOH	
Motorbikes	5768993	1-7-2013	\$5.450,00	\$926,00	Manica	new	February 2013	FHI360/ADPP	
Motorbikes	5769581	1-7-2013	\$5.450,00	\$926,00	Sofala	new	February 2013	FHI360/ADPP	
Motorbikes	5769615	1-7-2013	\$5.450,00	\$926,00	Sofala	new	February 2013	MOH	
Motorbikes	5769577	1-7-2013	\$5.450,00	\$926,00	Sofala	new	February 2013	FHI360/ADPP	
Motorbikes	5769555	1-7-2013	\$5.450,00	\$926,00	Sofala	new	February 2013	FHI360/ADPP	
Motorbikes	5769112	1-7-2013	\$5.450,00	\$926,00	Sofala	new	February 2013	FHI360/ADPP	
Motorbikes	5786015	1-7-2013	\$5.450,00	\$926,00	Tete	new	February 2013	FHI360/Damien F	
Motorbikes	5769579	1-7-2013	\$5.450,00	\$926,00	Tete	new	February 2013	MOH	
Motorbikes	5769543	1-7-2013	\$5.450,00	\$926,00	Tete	new	February 2013	FHI360/Damien F	
Motorbikes	5768848	1-7-2013	\$5.450,00	\$926,00	Tete	new	February 2013	FHI360/Damien F	
Motorbikes	5769092	1-7-2013	\$5.450,00	\$926,00	Tete	new	February 2013	FHI360/Damien F	
Motorbikes	5769612	1-7-2013	\$5.450,00	\$926,00	Niassa	new	February 2013	FHI360/CISLAMO	
Motorbikes	5769608	1-7-2013	\$5.450,00	\$926,00	Niassa	new	February 2013	FHI360/ESTAMOS	
Motorbikes	5644080	1-7-2013	\$5.450,00	\$926,00		new	February 2013	FHI360	
Motorbikes	5646353	1-7-2013	\$5.450,00	\$926,00		new	February 2013	FHI360	
Motorbikes	5643329	1-7-2013	\$5.450,00	\$926,00		new	February 2013	FHI360	

(1) Description of equipment: transportation (vehicles), administration (computers, faxes), laboratory equipment or others

(2) Identification number (eg Manufacturer's serial number, model number, Federal stock number, national stock number)

(3) Date of invoice

(4) Total price including any sales tax paid. Use currency on invoice

(5) Note any sales tax charged

(6) Address

(7) Good/fair or bad

(8)+(9) Ultimate disposition data, (in the case of a vehicle) including date of disposal and sales price or the method used to determine current fair market value.

where a recipient compensated TB CARE I for its share. Attach supplementary info